AMENDMENTS TO THE CLAIMS

Please cancel Claims 10-12 and 20; and amend Claims 1 and 13 as follows.

LISTING OF CLAIMS

1. (currently amended) A method of filtering a signal in a wireless communication system comprising:

providing a signal to a first filter to generate a filtered output;

comparing the filtered output to a threshold value; [[and]]

activating a second filter when the filtered output is within a predetermined range of the threshold value[[.]]; and

providing the output of the second filter to a pilot set maintenance function.

- 2. (original) The method of Claim 1, further comprising providing a nearly constant filter length of the first filter.
- 3. (original) The method of Claim 1, further comprising removing demodulator noise with the first filter.
- 4. (original) The method of Claim 1, further comprising setting a time constant of the second filter based on input energy estimates.
- 5. (original) The method of Claim 1, further comprising setting a time constant of the second filter based on searcher or over-the-air parameters.

- 6. (original) The method of Claim 1, further comprising setting a dynamic time constant for the second filter.
- 7. (original) The method of Claim 6, further comprising setting the dynamic time constant of the second filter based on input energy estimates.
- 8. (original) The method of Claim 6, further comprising setting the dynamic time constant of the second filter based on searcher or over-the-air parameters.
- 9. (original) The method of Claim 1, further comprising bypassing the second filter when the filtered output is beyond the predetermined range of the threshold value.

10.-12. (cancelled)

13. (currently amended) A mobile station for use in a wireless communication system comprising a first filter which receives a signal and a second filter, wherein an output of the first signal is filtered by the second filter when the output of the first filter is within a range of a threshold value[[.]];

wherein the output of the second filter is provided to a pilot set maintenance function.

- 14. (original) The mobile station of Claim 13, wherein the first filter receives energy values from a demodulator.
- 15. (original) The mobile station of Claim 13, wherein the first filter has a small, nearly constant filter length.
- 16. (original) The mobile station of Claim 14, wherein the first filter removes demodulator noise from the energy values.
- 17. (original) The mobile station of Claim 13, wherein the second filter has a dynamic time constant based on the input energy values.
- 18. (original) The mobile station of Claim 13, wherein the second filter has a dynamic time constant based on searcher or over-the-air parameters.
- 19. (original) The mobile station of Claim 13, wherein the second filter is bypassed if the output of the first filter is outside the range of the threshold value.
 - 20. (cancelled)